

09/332,803

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<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI,TDBD	13 and overlap\$ adj10 "homologous recombination\$"	7	<u>L5</u>
USPT,JPAB,EPAB,DWPI,TDBD	13 and overlap\$	359	<u>L4</u>
USPT,JPAB,EPAB,DWPI,TDBD	12 and "homologous recombination\$"	638	<u>L3</u>
USPT,JPAB,EPAB,DWPI,TDBD	adenovir\$ adj3 vector\$	2316	<u>L2</u>
USPT,JPAB,EPAB,DWPI,TDBD	adenovirus\$ adj3 vector\$	1792	<u>L1</u>

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 6033908 A

L5: Entry 1 of 7

File: USPT

Mar 7, 2000

US-PAT-NO: 6033908

DOCUMENT-IDENTIFIER: US 6033908 A

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Bout; Abraham	Ar Moerkapelle	N/A	N/A		NLX
Hoeben; Robert Cornelis	Ex Leiden	N/A	N/A		NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455,
435/69.1, 514/44, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5994128 A

L5: Entry 2 of 7

File: USPT

Nov 30, 1999

US-PAT-NO: 5994128

DOCUMENT-IDENTIFIER: US 5994128 A

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Fallaux; Frits Jacobus	Be Leiderdorp	N/A	N/A		NLX
Hoeben; Robert Cornelis	Ex Leiden	N/A	N/A		NLX
Van der Eb; Alex Jan	Tw Oegstgeest	N/A	N/A		NLX
Bout; Abraham	Ar Moerkapelle	N/A	N/A		NLX
Valerio; Domenico	Ez Leiden	N/A	N/A		NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455, 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 5891690 A

L5: Entry 3 of 7

File: USPT

Apr 6, 1999

US-PAT-NO: 5891690

DOCUMENT-IDENTIFIER: US 5891690 A

TITLE: Adenovirus E1-complementing cell lines

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Massie; Bernard	Laval, Quebec	N/A	N/A		CAX

US-CL-CURRENT: 435/456; 435/235.1, 435/371

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 5871727 A

L5: Entry 4 of 7

File: USPT

Feb 16, 1999

US-PAT-NO: 5871727

DOCUMENT-IDENTIFIER: US 5871727 A

TITLE: Targeted adenovirus vectors

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Curriel; David T.	Birmingham	AL	N/A	N/A

US-CL-CURRENT: 424/93.2; 435/320.1, 435/91.4, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: AU 9934458 A, WO 9955132 A2, EP 955373 A2

L5: Entry 5 of 7

File: DWPI

Nov 16, 1999

DERWENT-ACC-NO: 2000-023229

DERWENT-WEEK: 200015

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TITLE: New recombinant adenovirus vectors, used particularly for gene therapy for treating inherited or acquired diseases

INVENTOR: BOUT, A; VOGELS, R

PRIORITY-DATA: 1998US-0065752 (April 24, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9934458 A	November 16, 1999	N/A	000	C12N015/00
WO 9955132 A2	November 4, 1999	E	161	C07K000/00
EP 955373 A2	November 10, 1999	E	000	C12N015/86

INT-CL (IPC): A61K 48/00; C07K 0/00; C07K 14/075; C12N 5/10; C12N 7/00; C12N 15/00; C12N 15/86; C12R 1/01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 6. Document ID: EP 994958 A2, WO 9953085 A2, AU 9935636 A

L5: Entry 6 of 7

File: DWPI

Apr 26, 2000

DERWENT-ACC-NO: 2000-052657
DERWENT-WEEK: 200025
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TITLE: Regulating adenoviral packaging by incorporation of
repressor binding sites that allow selective suppression of
packaging, used for gene therapy

INVENTOR: ERTURK, E; HEARING, P ; OSTAPCHUK, P H ; SCHMID, S I

PRIORITY-DATA: 1998US-0088321 (June 5, 1998), 1998US-0081867
(April 15, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 994958 A2	April 26, 2000	E	000	C12N015/86
WO 9953085 A2	October 21, 1999	E	070	C12N015/86
AU 9935636 A	November 1, 1999	N/A	000	C12N015/86

INT-CL (IPC): C12N 15/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: KR 99022941 A, WO 9700326 A1, AU 9660182 A, EP 833934 A1, JP
11507552 W, US 5994128 A, US 6033908 A

L5: Entry 7 of 7

File: DWPI

Mar 25, 1999

DERWENT-ACC-NO: 1997-077531
DERWENT-WEEK: 200024
COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: New packaging cells and nucleic acids for recombinant adenovirus - have no overlapping sequences, prevents homologous recombination; for use in gene therapy and vaccination

INVENTOR: BOUT, A; FALLAUX, F J ; HOEBEN, R C ; VALERIO, D ;
VAN DER EB, A J

PRIORITY-DATA: 1995EP-0201728 (June 26, 1995), 1995EP-0201611
(June 15, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 99022941 A	March 25, 1999	N/A	000	C12N015/86
WO 9700326 A1	January 3, 1997	E	088	C12N015/86
AU 9660182 A	January 15, 1997	N/A	000	C12N015/86
EP 833934 A1	April 8, 1998	E	000	C12N015/86
JP 11507552 W	July 6, 1999	N/A	087	C12N015/09
US 5994128 A	November 30, 1999	N/A	000	C12N015/00
US 6033908 A	March 7, 2000	N/A	000	C12N015/00

INT-CL (IPC): A61K 35/76; A61K 48/00; C12N 5/10; C12N 7/00;
C12N 15/00; C12N 15/09; C12N 15/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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Terms	Documents
13 and overlap\$ adj10 "homologous recombination\$"	7

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Set Items Description
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? adenovirus? and vector?

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139363 ADENOVIRUS?
976321 VECTOR?
S1 34928 ADENOVIRUS? AND VECTOR?
? s s1 and homologous and recombination

34928 S1
484086 HOMOLOGOUS
397643 RECOMBINATION
S2 677 S1 AND HOMOLOGOUS AND RECOMBINATION
? s s2 and overlap?

677 S2
356726 OVERLAP?
S3 45 S2 AND OVERLAP?
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...completed examining records
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Display 4/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12751999 BIOSIS NO.: 200000505622
Efficient transformation of primary human amniocytes by E1 functions of
Ad5: Generation of new cell lines for adenoviral **vector** production.
AUTHOR: Schiedner Gudrun(a); Hertel Sabine; Kochanek Stefan
AUTHOR ADDRESS: (a)Center for Molecular Medicine (ZMMK), University of
Cologne, Kerpenerstr. 34, 50931, Cologne**Germany
JOURNAL: Human Gene Therapy 11 (15):p2105-2116 October 10, 2000
MEDIUM: print
ISSN: 1043-0342
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

- end of record -

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Display 4/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12750080 BIOSIS NO.: 200000503703
A new **vector** system with inducible E2a cell line for production of
higher titer and safer adenoviral **vectors**.
AUTHOR: Zhou Heshan; Beaudet Arthur L(a)
AUTHOR ADDRESS: (a)Department of Molecular and Human Genetics, Baylor
College of Medicine, Room T619, Houston, TX, 77030**USA
JOURNAL: Virology 275 (2):p348-357 September 30, 2000

MEDIUM: print
ISSN: 0042-6822
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

- end of record -

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Display 4/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12525621 BIOSIS NO.: 200000279123
Packaging systems for human recombinant **adenovirus** to be used in gene therapy.
AUTHOR: Fallaux Frits Jacobus(a); Hoebein Robert Cornelis; Van der Eb Alex Jan; Bout Abraham; Valerio Domenico
AUTHOR ADDRESS: (a)Be Leiderdorp**Netherlands
JOURNAL: Official Gazette of the United States Patent and Trademark Office Patents 1228 (5):pNo pagination Nov. 30, 1999
MEDIUM: e-file.
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 4/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11666585 BIOSIS NO.: 199800448316
New helper cells and matched early region 1-deleted **adenovirus** **vectors** prevent generation of replication-competent **adenoviruses**.
AUTHOR: Fallaux Frits J; Bout Abraham; Van Der Velde Ietje; Van Den Wollenberg Diana J M; Hehir Kathleen M; Keegan Jesse; Auger Crys; Cramer Steve J; Van Ormondt Hans; Van Der Eb Alex J; Valerio Dinko; Hoebein Rob C (a)
AUTHOR ADDRESS: (a)Applied Virol. Group, Dep. Mol. Cell Biol., Leiden Univ. Med. Cent., Wassenaarseweg 72, 2333 AL **Netherlands
JOURNAL: Human Gene Therapy 9 (13):p1909-1917 Sept. 1, 1998
ISSN: 1043-0342
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 4/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10562619 BIOSIS NO.: 199699183764
A gene transfer **vector**-cell line system for complete functional complementation of **adenovirus** early regions E1 and E4.
AUTHOR: Brough Douglas E(a); Lizonova Alena; Hsu Chi; Kulesa Victoria A; Kovesdi Imre
AUTHOR ADDRESS: (a)GenVec Inc., 12111 Parklawn Dr., Rockville, MD 20852** USA
JOURNAL: Journal of Virology 70 (9):p6497-6501 1996

ISSN: 0022-538X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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Display 4/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08727386 BIOSIS NO.: 199395016737
Synthesis and processing of the haemagglutinin-esterase glycoprotein of bovine coronavirus encoded in the E3 region of **adenovirus**.
AUTHOR: Yoo Dongwan(a); Graham Frank L; Prevec Ludvik; Parker Michael D; Benko Maria(a); Zamb Tim(a); Babiuk Lorne A(a)
AUTHOR ADDRESS: (a)Veterinary Infectious Disease Organization, University Saskatchewan, Saskatoon, Saskatchewan S7N**Canada
JOURNAL: Journal of General Virology 73 (10):p2591-2600 1992
ISSN: 0022-1317
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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Display 4/3/7 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
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10272515 20110572
A cell line for high-yield production of E1-deleted **adenovirus** **vectors** without the emergence of replication-competent virus.
Gao GP; Engdahl RK; Wilson JM
Institute for Human Gene Therapy and Department of Molecular and Cellular Engineering, University of Pennsylvania, Philadelphia 19104, USA.
Human gene therapy (UNITED STATES) Jan 1 2000, 11 (1) p213-9, ISSN 1043-0342 Journal Code: A12
Contract/Grant No.: DK47757-06, DK, NIDDK; DK49136-05, DK, NIDDK; HL49040-08, HL, NHLBI; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

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Display 4/3/8 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2001 Inst for Sci Info. All rts. reserv.

02983483 Genuine Article#: MU866 No. References: 167
Title: TRANSGENIC AND KNOCK-OUT MICE - MODELS OF NEUROLOGICAL DISEASE
Author(s): AGUZZI A; BRANDNER S; SURE U; RUEDI D; ISENMANN S
Corporate Source: UNIV HOSP ZURICH, INST NEUROPATHOL, DEPT PATHOL/CH-8091 ZURICH//SWITZERLAND/
Journal: BRAIN PATHOLOGY, 1994, V4, N1 (JAN), P3-20
ISSN: 1015-6305
Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 4/3/9 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

(c)2001 Japan Science Tech Corp(JST). All rts. reserv

02368840 JICST ACCESSION NUMBER: 95A0686404 FILE SEGMENT: JICST-E
Overexpression of a Gene Cluster Encoding a Chalcone Synthase-like Protein
Confers Redbrown Pigment Production in Streptomyces griseus.
UEDA K (1); KIM K-M (1); BEPPU T (1); HORINOUCI S (1)
(1) Univ. Tokyo, Tokyo, JPN
J Antibiot, 1995, VOL.48, NO.7, PAGE.638-646, FIG.8, TBL.1, REF.34
JOURNAL NUMBER: G0489ABY ISSN NO: 0021-8820
UNIVERSAL DECIMAL CLASSIFICATION: 663.16+663.18 575.113.089
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

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Display 4/3/10 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2001 The HW Wilson Co. All rts. reserv.

04014400 H.W. WILSON RECORD NUMBER: BGS199014400 (USE FORMAT 7 FOR
FULLTEXT)
Myoblast cell grafting into heart muscle: cellular biology and potential
applications.
AUGMENTED TITLE: review
Kessler, P. D
Byrne, B. J
Annual Review of Physiology (Annu Rev Physiol) v. 61 ('99) p. 219-42
SPECIAL FEATURES: bibl ISSN: 0066-4278
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 11875

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Display 4/3/11 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2001 The HW Wilson Co. All rts. reserv.

03805299 H.W. WILSON RECORD NUMBER: BGS198055299 (USE FORMAT 7 FOR
FULLTEXT)
How do animal DNA viruses get to the nucleus?.
Kasamatsu, H
Nakanishi, A
Annual Review of Microbiology (Annu Rev Microbiol) v. 52 ('98) p. 627-86
SPECIAL FEATURES: bibl il ISSN: 0066-4227
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 30861

- end of record -

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Display 4/3/12 (Item 3 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2001 The HW Wilson Co. All rts. reserv.

03051103 H.W. WILSON RECORD NUMBER: BGS195051103 (USE FORMAT 7 FOR
FULLTEXT)
Development and application of herpes simplex virus **vectors** for human
gene therapy.
Glorioso, J. C
DeLuca, N. A; Fink, D. J

Annual Review of Microbiology (Annu Rev Microbiol) v. 49 (1995) p. 675-710
DOCUMENT TYPE: Feature Article
SPECIAL FEATURES: bibl il ISSN: 0066-4227
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 16710

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Display 4/3/13 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs
(c) 2001 Derwent Publ Ltd. All rts. reserv.

0082480 DBA Accession No.: 89-00471
Expression of bicistronic measles virus P/C mRNA by using hybrid
adenoviruses: levels of C protein synthesized in vivo are
unaffected by the presence or absence of the upstream P initiator codon
- expression of recombinant virus Ad5MV/PC13 and Ad5MV/C3 in 293 cell
culture
AUTHOR: Alkhatib G; Massie B; +Briedis D J
CORPORATE SOURCE: Department of Microbiology and Immunology, McGill
University, Montreal, Quebec, Canada H3A 2B4.
JOURNAL: J.Virol. (62, 11, 4059-69) 1988
CODEN: JOVIAM
LANGUAGE: English

- end of record -

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Display 4/3/14 (Item 1 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00501117 (USE 9 FOR FULLTEXT)
Dopaminergic Neurons Protected from Degeneration by GDNF Gene Therapy
Choi-Lundberg, Derek L.; Lin, Qing; Chang, Yung-Nien; Chiang, Yawen L.;
Hay, Carl M.; Mohajeri, Hasan; Davidson, Beverly L.; Bohn, Martha C.
D. L. Choi-Lundberg, Q. Lin, H. Mohajeri, M. C. Bohn, Department of
Neurobiology and Anatomy, University of Rochester, Box 603, 601 Elmwood
Avenue, Rochester, NY 14642, USA. ; Y.-N. Chang, Y. L. Chiang, C. M. Hay,
Genetic Therapy, 19 First Field Road, Gaithersburg, MD 20878, USA. ; B.
L. Davidson, Department of Internal Medicine, University of Iowa College
of Medicine, 200 Hawkins Drive, Iowa City, IA 52242, USA.
Science Vol. 275 5301 pp. 838
Publication Date: 2-07-1997 (970207) Publication Year: 1997
Document Type: Journal ISSN: 0036-8075
Language: English
Section Heading: Reports
Word Count: 2799

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Ref	Items	Index-term
E1	77	AU=VOGELS R.
E2	4	AU=VOGELS RJMJ
E3	6	*AU=VOGELS RONALD
E4	52	AU=VOGELS RUFIN
E5	20	AU=VOGELS T
E6	2	AU=VOGELS T G C
E7	9	AU=VOGELS T.

E8 2 AU=VOGELS T G.C.
E9 3 AU=VOGELS
E10 2 AU=VOGELS TGC
E11 1 AU=VOGELS TON
E12 7 AU=VOGELS W

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S5 77 AU="VOGELS R."
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...examined 50 records (50)
...completed examining records
S6 50 RD S5 (unique items)
? s s6 and homologous and recombination

50 S6
484086 HOMOLOGOUS
397643 RECOMBINATION
S7 0 S6 AND HOMOLOGOUS AND RECOMBINATION